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## NOTICE OF ALLOWANCE AND FEE(S) DUE

23446 7590 05/15/2008

MCANDREWS HELD & MALLOY, LTD  
500 WEST MADISON STREET  
SUITE 3400  
CHICAGO, IL 60661

EXAMINER

WANG, LIANG CHE A

ART UNIT

PAPER NUMBER

2153

DATE MAILED: 05/15/2008

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/675,084	09/30/2003	Jeyhan Karaguz	14542US02	5105

TITLE OF INVENTION: MANAGEMENT OF MULTIMEDIA DISPLAY CONTENT IN A MEDIA EXCHANGE NETWORK

APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1440	\$300	\$0	\$1740	08/15/2008

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. **PROSECUTION ON THE MERITS IS CLOSED.** THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN **THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE** OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. **THIS STATUTORY PERIOD CANNOT BE EXTENDED.** SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE DOES NOT REFLECT A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE IN THIS APPLICATION. IF AN ISSUE FEE HAS PREVIOUSLY BEEN PAID IN THIS APPLICATION (AS SHOWN ABOVE), THE RETURN OF PART B OF THIS FORM WILL BE CONSIDERED A REQUEST TO REAPPLY THE PREVIOUSLY PAID ISSUE FEE TOWARD THE ISSUE FEE NOW DUE.

## HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.

B. If the status above is to be removed, check box 5b on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

A. Pay TOTAL FEE(S) DUE shown above, or

B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and 1/2 the ISSUE FEE shown above.

II. PART B - FEE(S) TRANSMITTAL, or its equivalent, must be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted. If an equivalent of Part B is filed, a request to reapply a previously paid issue fee must be clearly made, and delays in processing may occur due to the difficulty in recognizing the paper as an equivalent of Part B.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

**IMPORTANT REMINDER:** Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

# **PART B - FEE(S) TRANSMITTAL**

**Complete and send this form, together with applicable fee(s), to:** Mail **Mail Stop ISSUE FEE**  
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**INSTRUCTIONS:** This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address)

Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.

23446 7590 05/15/2008  
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**500 WEST MADISON STREET**  
**SUITE 3400**  
**CHICAGO, IL 60661**

## **Certificate of Mailing or Transmission**

I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO (571) 273-2885, on the date indicated below.

(Depositor's name)
(Signature)
(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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10/675,084 09/30/2003

Jeyhan Karaoguz

14542US02

5105

**TITLE OF INVENTION: MANAGEMENT OF MULTIMEDIA DISPLAY CONTENT IN A MEDIA EXCHANGE NETWORK**

APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1440	\$300	\$0	\$1740	08/15/2008

EXAMINER	ART UNIT	CLASS-SUBCLASS
WANG, LIANG CHE A	2153	709-217000

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

- ☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.  
☐ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a **Customer Number is required.**

2. For printing on the patent front page, list

- (1) the names of up to 3 registered patent attorneys or agents OR, alternatively, 1  
 (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed. 2  
 3

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

Please check the appropriate assignee category or categories (will not be printed on the patent): ☐ Individual ☐ Corporation or other private group entity ☐ Government

4a. The following fee(s) are submitted:

- ☐ Issue Fee  
☐ Publication Fee (No small entity discount permitted)  
☐ Advance Order - # of Copies \_\_\_\_\_

4b. Payment of Fee(s): (Please first reapply any previously paid issue fee shown above)

- ☐ A check is enclosed.  
☐ Payment by credit card. Form PTO-2038 is attached.  
☐ The Director is hereby authorized to charge the required fee(s), any deficiency, or credit any overpayment, to Deposit Account Number \_\_\_\_\_ (enclose an extra copy of this form).

5. **Change in Entity Status** (from status indicated above)

- ☐ a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27. ☐ b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

Authorized Signature \_\_\_\_\_ Date \_\_\_\_\_  
 Typed or printed name \_\_\_\_\_ Registration No. \_\_\_\_\_

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

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10/675,084	09/30/2003	Jeyhan Karaoguz	14542US02	5105
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MCANDREWS HELD & MALLOY, LTD 500 WEST MADISON STREET SUITE 3400 CHICAGO, IL 60661			WANG, LIANG CHE A	
			ART UNIT	PAPER NUMBER
			2153	
DATE MAILED: 05/15/2008				

## Determination of Patent Term Adjustment under 35 U.S.C. 154 (b) (application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 812 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 812 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (<http://pair.uspto.gov>).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at 1-(888)-786-0101 or (571)-272-4200.

# Notice of Allowability

## Application No.

10/675,084

## Examiner

Liangche A. Wang

## Applicant(s)

KARAOGUZ ET AL.

## Art Unit

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### - The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to amendment filed on 2/25/2008.
2. ☒ The allowed claim(s) is/are 1-36.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  
a) ☐ All b) ☐ Some\* c) ☐ None of the:  
1. ☐ Certified copies of the priority documents have been received.  
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.  
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.  
**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.  
(a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached  
1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.  
(b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.  
**Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).**
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

## Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO/SB/08),  
Paper No./Mail Date \_\_\_\_\_
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application
6. ☐ Interview Summary (PTO-413),  
Paper No./Mail Date \_\_\_\_\_
7. ☒ Examiner's Amendment/Comment
8. ☐ Examiner's Statement of Reasons for Allowance
9. ☐ Other \_\_\_\_\_.

***EXAMINER'S AMENDMENT***

1. Claims 1-36 are allowed.
2. Claims 37-41 are cancelled.
3. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.
4. Authorization for this examiner's amendment was given in a telephone interview with Joseph M. Butscher on 05/8/2008.
5. The application has been amended as follow:

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently amended) A system supporting the management of multimedia display content in a communication network, the system comprising:
  - a television ~~display~~, at a first location, supporting the consumption of media;
  - a first storage for storing media, at the first location, and having a first network address with respect to a first user at the first location;
  - a first set top box, at the first location, communicatively coupling the first storage to the communication network;
  - a user interface displayed on the television, at the first location, having at least one view comprising a representation of media available for consumption, the user interface supporting the

selection and scheduling of media for delivery to a second location, wherein the first location is different than the second location;

a second set top box, at the second location;

at least one multimedia display, at the second location, communicatively coupled to the second set top box, and having a second network address with respect to a second user at the second location, wherein the second user is known to the first user; and

server software that maintains a user defined association of the first and second network addresses, that receives a request identifying one of the first and second associated network addresses, and that responds by identifying the other of the associated first and second network addresses to support delivery of media from the first set top box to the at least one multimedia display for consumption.

2. (Previously presented) The system of claim 1 wherein the media comprises one or more of audio, a still image, video, real time video, and/or data.

3. (Previously presented) The system of claim 1 wherein consumption comprises one or more of playing digitized audio, displaying a still image, displaying video, and/or displaying data.

4. (Previously presented) The system of claim 1 wherein the associated first and second network addresses are one of an Internet protocol (IP) address, a media access control (MAC) address, or an electronic serial number (ESN).

5. (Previously presented) The system of claim 1 wherein the communication network comprises one or more of a cable infrastructure, a satellite network infrastructure, a digital subscriber line (DSL) infrastructure, an Internet infrastructure, an intranet infrastructure, a wired infrastructure, and/or a wireless infrastructure.

6. (Original) The system of claim 1 wherein the communication network is the Internet.

7. (Previously presented) The system of claim 1 wherein the at least one multimedia display comprises one or more of a monochrome or color liquid crystal display (LCD), a plasma display, "electronic paper", a projection display, and/or a light emitting diode (LED) display.

8. (Original) The system of claim 1 wherein the at least one multimedia display is communicatively coupled using a wireless link.

9. (Previously presented) The system of claim 8 wherein the wireless link is compatible with one or more of an IEEE 802.11b or related wireless network standard, a Bluetooth-based wireless network protocol, and/or an infrared communication protocol.

10. (Original) The system of claim 1 wherein the at least one multimedia display comprises: at least one sensor for detecting a condition, at the first home; and the detection of the condition resulting in a change in the media displayed.

11. (Previously presented) The system of claim 10 wherein the at least one sensor comprises one or more of a visible light motion detector, passive infrared (PIR) motion detector, an ultrasonic motion detector, and/or a microwave motion detector.

12. (Currently amended) A system supporting the management of multimedia display content in a communication network, the system comprising:

a television ~~display~~, at a first location, supporting the consumption of media;

a storage for storing media having a first network address, the storage communicatively coupled to the television display;

a set top box at the first location, communicatively coupling the storage to the communication network;

a user interface displayed on the television, at the first location, having at least one view comprising a representation of media available for consumption, the user interface supporting the selection and scheduling of media for delivery at a second location, wherein the first location is different than the second location;

at least one multimedia display having a second network address, at the second location, communicatively coupled to the set top box; and



software that receives a request and that responds by coordinating delivery of media from the set top box at the first location, to the at least one multimedia display at the second location for consumption, the software maintaining a user defined association of the first and second network addresses, receiving a request identifying one of the first and second associated network addresses, and responding by identifying the other of the associated first and second network addresses to support delivery of media from the set top box to the at least one multimedia display for consumption.

13. (Previously presented) The system of claim 12 wherein the media comprises one or more of audio, a still image, video, real time video, and/or data.

14. (Previously presented) The system of claim 12 wherein consumption comprises one or more of playing digitized audio, displaying a still image, displaying video, and/or displaying data.

15. (Previously presented) The system of claim 12 wherein the communication network comprises one or more of a cable infrastructure, a satellite network infrastructure, a digital subscriber line (DSL) infrastructure, an Internet infrastructure, an intranet infrastructure, a wired infrastructure, and/or a wireless infrastructure.

16. (Previously presented) The system of claim 12 wherein the at least one multimedia display comprises one or more of a monochrome or color liquid crystal display

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(LCD), a plasma display, "electronic paper", a projection display, and/or a light emitting diode (LED) display.

17. (Original) The system of claim 12 wherein the at least one multimedia display is communicatively coupled using a wireless link.

18. (Previously presented) The system of claim 17 wherein the wireless link is compatible with one or more of an IEEE 802.11b or related wireless network standard, a Bluetooth-based wireless network protocol, and/or an infrared communication protocol.

19. (Original) The system of claim 12 wherein the at least one multimedia display comprises: at least one sensor for detecting a condition, at the first home; and the detection of the condition resulting in a change in the media displayed.

20. (Previously presented) The system of claim 19 wherein the at least one sensor comprises one or more of a visible light motion detector, passive infrared (PIR) motion detector, an ultrasonic motion detector, and/or a microwave motion detector.

21. (Currently amended) A method of supporting the management of multimedia display content in a communication network, the method comprising:

receiving input from a user via a user interface having at least one view comprising a representation of at least one user defined media channel supporting consumption of media;

causing display of the user interface on a television at a first location, the user interface supporting the selection and scheduling of media for delivery to a second location;

scheduling media for delivery from [[a]] the first location to [[a]] the second location based on input from the user at the second location, wherein the first location is different than the second location;

delivering media from the first location to the second location, via the communication network, if media is scheduled for delivery; and

refraining from delivering media from the first location to the second location, via the communication network, if media is not scheduled for delivery.

22. (Previously presented) The method of claim 21 wherein the media comprises one or more of audio, a still image, video, and/or data.

23. (Previously presented) The method of claim 21 wherein the communication network comprises one or more of a cable infrastructure, a satellite network infrastructure, a digital subscriber line (DSL) infrastructure, an Internet infrastructure, an intranet infrastructure, a wired infrastructure, and/or a wireless infrastructure.

24. (Canceled)

25. (Original) The method of claim 21 wherein the delivery comprises: authenticating the first location to the second location; sending a request to transfer media, from

the first location to the second location; receiving a response, at the first location from the second location; transferring the media, from the first location to the second location, if the response is an acceptance of the transfer of media; and refraining from transferring the media, from the first location to the second location, if the response is not an acceptance of the transfer of media.

26. (Currently amended) A system supporting the management of multimedia display content in a communication network, the system comprising:

set top box circuitry, in a set top box at a first location, communicatively coupled to support the management of display of media content at a second location;

a user interface displayed on a first television, at the first location, having at least one view comprising a representation of media available for consumption, the user interface supporting the selection and scheduling of media for delivery to the second location, wherein the first location is different than the second location; and

software that maintains a user defined association of first and second network addresses with respect to first and second users, respectively, at first and second locations, respectively, wherein the first and second users are known to one another, wherein the first location is different than the second location, wherein the software receives a request identifying one of the first or second associated network address, and that responds by identifying the other of the associated first or second network addresses to support delivery of media content from the first set top box at the first location to at least one multimedia display at the second location for consumption.

27. (Previously presented) The system of claim 26 wherein the media comprises one or more of audio, a still image, video, real time video, and/or data.

28. (Previously presented) The system of claim 26 wherein consumption comprises one or more of playing digitized audio, displaying a still image, displaying video, and/or displaying data.

29. (Previously presented) The system of claim 26 wherein the associated first and second network addresses are one of an Internet protocol (IP) address, a media access control (MAC) address, or an electronic serial number (ESN).

30. (Previously presented) The system of claim 26 wherein the communication network comprises one or more of a cable infrastructure, a satellite network infrastructure, a digital subscriber line (DSL) infrastructure, an Internet infrastructure, an intranet infrastructure, a wired infrastructure, and/or a wireless infrastructure.

31. (Previously presented) The system of claim 26 wherein the communication network is the Internet.

32. (Previously presented) The system of claim 26 wherein the at least one multimedia display comprises one or more of a monochrome or color liquid crystal display

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(LCD), a plasma display, "electronic paper", a projection display, and/or a light emitting diode (LED) display.

33. (Previously presented) The system of claim 26 wherein the at least one multimedia display is communicatively coupled using a wireless link.

34. (Previously presented) The system of claim 33 wherein the wireless link is compatible with one or more of an IEEE 802.11b or related wireless network standard, a Bluetooth-based wireless network protocol, and/or an infrared communication protocol.

35. (Previously presented) The system of claim 26 wherein the at least one multimedia display comprises: at least one sensor for detecting a condition, at the first home; and the detection of the condition resulting in a change in the media displayed.

36. (Previously presented) The system of claim 35 wherein the at least one sensor comprises one or more of a visible light motion detector, passive infrared (PIR) motion detector, an ultrasonic motion detector, and/or a microwave motion detector.

37-41. (Canceled)

6. Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

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7. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Liang-che Alex Wang whose telephone number is (571)272-3992. The examiner can normally be reached on Monday thru Friday, 8:30 am to 5:00 pm.
8. If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Glenton B Burgess can be reached on (571)272-3949. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.
9. Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free)..

Liang-che Alex Wang  
May 13, 2008

/Liangche A. Wang/  
Primary Examiner, Art Unit 2153